

1 and a few miscellaneous signals. The sense signals are driven
2 by each display system that is designed to operate with the
3 invention's interface. Each display system drives the sense
4 signals with a code that uniquely identifies the display system.
5 The interface is self-configuring such that the computer system
6 reads the unique code output on the sense signals and
7 correspondingly outputs the proper display information on the
8 programmable signals to drive the display system connected to
9 the interface.

10 U.S. Patent No. 6,046,709, issued April 4, 2000, to Shelton
11 et al., discloses a method of synchronizing, at a system frame
12 display rate, a first set of frames displayed by a first monitor
13 with a second set of frames by a second monitor, utilizes frame
14 production rates of the two sets of frames to set the system
15 frame display rate. More particularly, the first set of frames
16 are produced at a first frame production rate by a first
17 graphics engine, and the second set of frames are produced at a
18 second frame production rate by a second graphics engine. The
19 first frame production rate and second frame production rate
20 first are compared to determine which frame production rate is
21 slower. The system frame display rate then is set to be no
22 greater than the slower of the two frame production rates.

1 U.S. Patent No. 6,104,414, issued August 15, 2000, to
2 Odryna et al., discloses a video distribution hub and display
3 method which is capable of driving a plurality of video display
4 monitors as a virtual monitor or monitors. The video
5 distribution hub receives a video signal from a single head
6 graphics card or a suitable video source which signal embodies
7 data within a video buffer on the graphics card or at the video
8 source. The hub processes the received video signal and stores
9 selected data segments corresponding to selected portions of the
10 video buffer in a plurality of frame buffers within the
11 distribution hub. The data stored within the plurality of frame
12 buffers is employed to drive respective video displays, such as
13 flat panel displays or conventional CRT displays. The hub
14 accommodates displays of different resolution. Additionally, the
15 hub accommodates displays having either a portrait or landscape
16 orientation.

17 The above cited prior art which does not show a suitable
18 purely software means for synchronizing the display of time
19 sequenced series of images amongst any number of various like
20 and dislike computers without the need for hardware changes to
21 the computers or computer system. Consequently, those skilled
22 in the art will appreciate the present invention that addresses
23 the above and other problems.

SUMMARY OF THE INVENTION

2 It is an object of the present invention to provide an
3 improved presentation system for controlling multiple computer
4 station presentations.

5 It is another object of the present invention to provide
6 such an improved presentation which further individually
7 controls unlike or different multiple computer presentations
8 displayed on different monitors of a multiple monitor computer
9 station.

10 It is still another object of the present invention to
11 provide a program that will operate on different computer
12 operating systems.

It is yet another object of the present invention to time synchronize a plurality of computers in a computer system.

15 These and other objects, features, and advantages of the
16 present invention will become apparent from the drawings, the
17 descriptions given herein, and the appended claims. It will be
18 understood that above listed objects and advantages of the
19 invention are intended only as an aid in understanding aspects
20 of the invention, are not intended to limit the invention in any
21 way, and do not form a comprehensive list of objects, features,
22 and advantages.